

FILE 'HOME' ENTERED AT 14:52:28 ON 25 APR 2003

=> index chemistry bioscience medicine meetigs

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0.21

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INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE,
BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2, FEDRIP,
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101 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s XRCC4 (s) (DNA (w) ligase (w) IV) and (DNA-PK (w) Ku) and pharmaceutical

10 FILES SEARCHED...

0* FILE FEDRIP

25 FILES SEARCHED...

40 FILES SEARCHED...

55 FILES SEARCHED...

66 FILES SEARCHED...

78 FILES SEARCHED...

2 FILE USPATFULL

91 FILES SEARCHED...

1 FILES HAVE ONE OR MORE ANSWERS, 101 FILES SEARCHED IN STNINDEX

L1 QUE XRCC4 (S) (DNA (W) LIGASE (W) IV) AND (DNA-PK (W) KU) AND PHARMACEUTIC
AL

=> s l1

<-----User Break----->

=> file hits

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.95

5.16

FILE 'USPATFULL' ENTERED AT 14:58:25 ON 25 APR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 24 Apr 2003 (20030424/PD)

FILE LAST UPDATED: 24 Apr 2003 (20030424/ED)

HIGHEST GRANTED PATENT NUMBER: US6553568

HIGHEST APPLICATION PUBLICATION NUMBER: US2003079264

CA INDEXING IS CURRENT THROUGH 24 Apr 2003 (20030424/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 24 Apr 2003 (20030424/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2003

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2003

>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<

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>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11

```

      13 XRCC4
      79366 DNA
      17247 DNAS
      79464 DNA
          (DNA OR DNAS)
      16630 LIGASE
      2187 LIGASES
      17417 LIGASE
          (LIGASE OR LIGASES)
      369721 IV
      1445 IVS
      370155 IV
          (IV OR IVS)
          5 XRCC4 (S) (DNA (W) LIGASE (W) IV)
      79366 DNA
      17247 DNAS
      79464 DNA
          (DNA OR DNAS)
      12391 PK
      788 PKS
      13015 PK
          (PK OR PKS)
          83 DNA-PK
          (DNA(W) PK)
      4691 KU
      119 KUS
      4802 KU
          (KU OR KUS)
          4 DNA-PK (W) KU
      137466 PHARMACEUTICAL
      30109 PHARMACEUTICALS
      147972 PHARMACEUTICAL
          (PHARMACEUTICAL OR PHARMACEUTICALS)
L2      2 XRCC4 (S) (DNA (W) LIGASE (W) IV) AND (DNA-PK (W) KU) AND PHARMA
          CEUTICAL

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=> d 12 1-2 ibib abs

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L2  ANSWER 1 OF 2  USPATFULL
ACCESSION NUMBER: 2002:235524  USPATFULL
TITLE: Inhibitors of alternative alleles of genes encoding
        products that mediate cell response to environmental
        changes
INVENTOR(S): Housman, David E., Newton, MA, UNITED STATES
              Ledley, Fred D., Needham, MA, UNITED STATES
              Stanton, Vincent P., JR., Belmont, MA, UNITED STATES
PATENT ASSIGNEE(S): Variagenics, Inc., a Delaware corporation (U.S.
                    corporation)

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	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002127714	A1	20020912
APPLICATION INFO.:	US 2001-782837	A1	20010214 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-45054, filed on 19 Mar 1998, PATENTED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ANITA L. MEIKLEJOHN, PH.D., FISH & RICHARDSON P.C., 225 Franklin Street, Boston, MA, 02110-2804		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	3790		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Disclosed are methods for the treatment of proliferative disorders using compounds and/or environmental conditions which result in a difference in sensitivity of targeted and non-targeted cells. Certain of the methods involve the identification and use of allele-specific inhibitors of conditionally essential genes.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 2 USPATFULL

ACCESSION NUMBER:	2001:36603 USPATFULL
TITLE:	Inhibitors of alternative alleles of genes encoding products that mediate cell response to environmental changes
INVENTOR(S):	Housman, David E., Newton, MA, United States Ledley, Fred D., Needham, MA, United States Stanton, Jr., Vincent P., Belmont, MA, United States
PATENT ASSIGNEE(S):	Variagenics, Inc., Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6200754	B1	20010313
APPLICATION INFO.:	US 1998-45054		19980319 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schwartzman, Robert A.		
ASSISTANT EXAMINER:	Epps, Janet L.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	3654		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	Disclosed are methods for the treatment of proliferative disorders using compounds and/or environmental conditions which result in a difference in sensitivity of targeted and non-targeted cells. Certain of the methods involve the identification and use of allele-specific inhibitors of conditionally essential genes.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s XRCC4 and (DNA (W) LIGASE) AND (DNA-PK (W) KU) AND PHARMACEUTICAL

13 XRCC4
79366 DNA
17247 DNAS
79464 DNA
(DNA OR DNAS)
16630 LIGASE
2187 LIGASES
17417 LIGASE

(LIGASE OR LIGASES)
11193 DNA (W) LIGASE
79366 DNA
17247 DNAS
79464 DNA
(DNA OR DNAS)
12391 PK
788 PKS
13015 PK
(PK OR PKS)
83 DNA-PK
(DNA(W) PK)
4691 KU
119 KUS
4802 KU
(KU OR KUS)
4 DNA-PK (W) KU
137466 PHARMACEUTICAL
30109 PHARMACEUTICALS
147972 PHARMACEUTICAL
(PHARMACEUTICAL OR PHARMACEUTICALS)
L3 2 XRCC4 AND (DNA (W) LIGASE) AND (DNA-PK (W) KU) AND PHARMACEUTICA
L

=> s XRCC4 and (DNA (W) LIGASE) AND (KU and DNA?) AND PHARMACEUTICAL

13 XRCC4
79366 DNA
17247 DNAS
79464 DNA
(DNA OR DNAS)
16630 LIGASE
2187 LIGASES
17417 LIGASE
(LIGASE OR LIGASES)
11193 DNA (W) LIGASE
4691 KU
119 KUS
4802 KU
(KU OR KUS)
80752 DNA?
137466 PHARMACEUTICAL
30109 PHARMACEUTICALS
147972 PHARMACEUTICAL
(PHARMACEUTICAL OR PHARMACEUTICALS)

L4 3 XRCC4 AND (DNA (W) LIGASE) AND (KU AND DNA?) AND PHARMACEUTICAL

=> d l4 1-3 ibib abs

L4 ANSWER 1 OF 3 USPATFULL

ACCESSION NUMBER: 2002:235524 USPATFULL
TITLE: Inhibitors of alternative alleles of genes encoding products that mediate cell response to environmental changes
INVENTOR(S): Housman, David E., Newton, MA, UNITED STATES
Ledley, Fred D., Needham, MA, UNITED STATES
Stanton, Vincent P., JR., Belmont, MA, UNITED STATES
PATENT ASSIGNEE(S): Variagenics, Inc., a Delaware corporation (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002127714	A1	20020912
APPLICATION INFO.:	US 2001-782837	A1	20010214 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-45054, filed on 19 Mar 1998, PATENTED		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ANITA L. MEIKLEJOHN, PH.D., FISH & RICHARDSON P.C., 225
Franklin Street, Boston, MA, 02110-2804
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Page(s)
LINE COUNT: 3790

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are methods for the treatment of proliferative disorders using compounds and/or environmental conditions which result in a difference in sensitivity of targeted and non-targeted cells. Certain of the methods involve the identification and use of allele-specific inhibitors of conditionally essential genes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 3 USPATFULL

ACCESSION NUMBER: 2001:82501 USPATFULL
TITLE: Methods and means relating to retrotransposon and retroviral integration
INVENTOR(S): Jackson, Stephen Philip, Cambridge, United Kingdom
Downs, Jessica Anne, Cambridgeshire, United Kingdom
PATENT ASSIGNEE(S): KuDos Pharmaceuticals Limited, Cambridge, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6242175	B1	20010605
	WO 9830903		19980716
APPLICATION INFO.:	US 1999-341515		19990712 (9)
	WO 1998-GB99		19980113
			19990712 PCT 371 date
			19990712 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1997-574	19970113
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Stucker, Jeffrey	
ASSISTANT EXAMINER:	Winkler, Ulrike	
LEGAL REPRESENTATIVE:	Sherwood, PamelaBozicevic Field & Francis LLP	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 5 Drawing Page(s)	
LINE COUNT:	1527	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Ku(Ku70 and Ku80) of yeast and mammalian cells and other components of the Ku-associated DNA repair pathway are involved in retrotransposon and retroviral integration into cellular nucleic acids. Agents which inhibit activity of the pathway are useful for inhibition of retroviruses. Such agents are obtainable using assays involving the Ku-associated DNA repair pathway and one or more components thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 3 USPATFULL

ACCESSION NUMBER: 2001:36603 USPATFULL
TITLE: Inhibitors of alternative alleles of genes encoding products that mediate cell response to environmental changes
INVENTOR(S): Housman, David E., Newton, MA, United States
Ledley, Fred D., Needham, MA, United States

PATENT ASSIGNEE(S): Stanton, Jr., Vincent P., Belmont, MA, United States
Variagenics, Inc., Cambridge, MA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6200754	B1	20010313
APPLICATION INFO.:	US 1998-45054		19980319 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schwartzman, Robert A.		
ASSISTANT EXAMINER:	Epps, Janet L.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	3654		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are methods for the treatment of proliferative disorders using compounds and/or environmental conditions which result in a difference in sensitivity of targeted and non-targeted cells. Certain of the methods involve the identification and use of allele-specific inhibitors of conditionally essential genes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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